| Electronic Acknowledgement Receipt   |                             |  |  |  |
|--------------------------------------|-----------------------------|--|--|--|
| EFS ID:                              | 2284470                     |  |  |  |
| Application Number:                  | 10787073                    |  |  |  |
| International Application Number:    |                             |  |  |  |
| Confirmation Number:                 | 9513                        |  |  |  |
| Title of Invention:                  | Closure device              |  |  |  |
| First Named Inventor/Applicant Name: | Michael T. Carley           |  |  |  |
| Customer Number:                     | 57360                       |  |  |  |
| Filer:                               | Fraser D. Roy/Paul Taylor   |  |  |  |
| Filer Authorized By:                 | Fraser D. Roy               |  |  |  |
| Attorney Docket Number:              | 16497.1.1.2.1               |  |  |  |
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| Application Type:                    | Utility under 35 USC 111(a) |  |  |  |

# Payment information:

| Submitted with Payment                   | yes   |
|--|-------|
| Payment was successfully received in RAM | \$180 |
| RAM confirmation Number                  | 5338  |
| Deposit Account                          |       |

## File Listing:

| Document | Document Description | File Name | File Size(Bytes) | Multi      | Pages      | ı |
|----------|----------------------|-----------|------------------|------------|------------|---|
| Number   | Document Description | File Name | /Message Digest  | Part /.zip | (if appl.) | ١ |

| 1            | Foreign Reference   | 16497-1-1-2_CA2339060.pdf              | 2244379                                      | no | 43 |
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| 2            | Foreign Reference   | 16497-1-1-2_NL9302140.pdf              | 414691                                       | no | 9  |
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| 3            | Foreign Reference   | 16497-1-1-2_S000722.pdf                | 1624322                                      | no | 49 |
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| 4            | Foreign Reference   | 16497-1-1-2_S000724.pdf                | 942453                                       | no | 27 |
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| 5            | Foreign Reference   | 16497-1-1-2_S010547.pdf                | 730931                                       | no | 21 |
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| 6            | Foreign Reference   | 16497-1-1-2_S010748.pdf                | 750386                                       | no | 18 |
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| 7            | Foreign Reference   | 16497-1-1-2_S010749.pdf                | 779670                                       | no | 19 |
|              |                     | 10,007 1 1 <u></u> 00101 10. <b>pu</b> | 4260a2214e348602df5bef9f04fbd4ed3<br>4178707 |    |    |
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| Information: |                     |  |  |    |    |
| 8            | Foreign Reference   | 16497-1-1-2_S010815.pdf                | 1739912                                      | no | 53 |
|              | i oroign neretetice | 10437-1-1-2_3010613.pdf                | 1e61df497cdc16b6b3550dde2e179130<br>630a1fe0 | no |    |
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| 9            | Foreign Reference   | 16497-1-1-2_S020451.pdf                | 995570                                       | no | 20 |
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| 18                        | Foreign Reference    | WO1998006448.pdf        | 1319947<br>238e1fefa6f1afb9e75bd3449f6df7dad3<br>ba844b  | no  | 33       |
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| Warnings:                 |                      | •                       |  |     |          |
| 17                        | Foreign Reference    | 16497-1-1-2_S050342.pdf | 1335968<br>468tbe32caff06514bcfa91822569d74c<br>95761 ce | no  | 44       |
| mormation:                |                      |                         | 1005000  |     |          |
| Warnings:<br>Information: |                      |                         |  |     |          |
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| 16                        | Foreign Reference    | 16497-1-1-2_S040368.pdf | 1874936  | no  | 54       |
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| 15                        | Foreign Reference    | 16497-1-1-2_S030490.pdf | 696079<br>9e9e110ef6c77c5194ced5a24a361c09<br>8058b5d2   | no  | 20       |
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| 14                        | Foreign Reference    | 16497-1-1-2_S030424.pdf | 763740<br>d916cb682545c8550736432db4581a96<br>b56ff857   | no  | 17       |
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| 13                        | Foreign Reference    | 16497-1-1-2_S020665.pdf | 562041   | no  | 17       |
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| 12                        | Foreign Reference    | 16497-1-1-2_S020664.pdf | 552798<br>57805163ece7e93100a242bcb663805c<br>623bc2cf   | no  | 16       |
| miormation:               |                      |                         |  |     |          |
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| 11                        | Foreign Reference    | 16497-1-1-2_S020552.pdf | 1158013  | no  | 0.4      |
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| 10                        | Foreign Reference    | 16497-1-1-2_S020452.pdf | a5e7567fe261647f0cee84cfe4c2fde71<br>ddc15b8             | no  | 27       |
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| 27                     | Foreign Reference | 16497-1-1-2_WO200304743<br>4.pdf | 2138279<br>75c7a95f8bb3537f846a1c44291ccd47<br>70778463 | no | 48  |
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| Warnings:              |                   | <u> </u>                         |   |    |     |
| 26                     | Foreign Reference | 16497-1-1-2_WO200301336<br>4.pdf | 614693<br>119199562e1c40ab08e377984650bed4<br>b1fb9517  | no | 19  |
| momation.              |                   |                                  | 61.4603   |    |     |
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| 25                     | Foreign Reference | 16497-1-1-2_WO200301336<br>3.pdf | 740993  | no | 20  |
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| 23                     | Foreign Reference | 16497-1-1-2_WO200209830          | 963723  | no | 32  |
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| 22                     | Foreign Reference | 16497-1-1-2_WO200204559<br>4.pdf | 067bcb0c14d8a847b872cd7c162dc3ee<br>aa035c2f            | no | 117 |
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| 21                     | Foreign Reference | 16497-1-1-2_WO200201992<br>2.pdf | 1891509   | no | 56  |
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| 20                     | Foreign Reference | 16497-1-1-2_WO200201992<br>0.pdf | e2923621dfcee0c4ba38eec65ed33ad0<br>6315f3d6            | no | 65  |
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| 19                     | Foreign Reference | 16497-1-1-2_WO200201991<br>5.pdf |   | no | 57  |
|                        |                   |                                  | 1909297   |    |     |

| Warnings: Information 36 Warnings: | :<br>Information Disclosure Statement<br>Letter | 16497-1-1-2-1_SuppIDS.pdf        | 20635<br>e8ce94f743fb9227da8f7e602ff748bf46<br>6ed508   | no | 4   |
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| Information<br>36                  | Information Disclosure Statement                | 16497-1-1-2-1_SupplDS.pdf        | e8ce94f743fb9227da8f7e602ff748bf46                      | no | 4   |
|                                    |   |                                  | 20635   |    |     |
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| 35                                 | Foreign Reference                               | 16497-1-1-2_WO200608388<br>9.pdf | 5113263<br>ae465793c186f955462a3c91a1771b1e<br>0f5a4172 | no | 106 |
| mormation                          | •   |                                  | 5113263   |    |     |
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| 34                                 | Foreign Reference                               | 16497-1-1-2_WO200508225<br>6.pdf | 1421511   | no | 39  |
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| 33                                 | Foreign Reference                               | 16497-1-1-2_WO200511552<br>1.pdf | c41d9de2df2edc1749796e692faf7d8dc<br>df74455            | no | 22  |
| mormation                          |   | 10407.1.1.0.11100000514550       | 956966  |    |     |
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|                                    |   | 4.pdf                            | e189c6bd27281236dd36db3a7553013<br>becb76ab8            |    |     |
| 32                                 | Foreign Reference                               | 16497-1-1-2_WO200406905          | 4320760   | no | 83  |
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| 31                                 | Foreign Reference                               | 16497-1-1-2_WO200406016<br>9.pdf | 640176<br>  | no | 14  |
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| 30                                 | Foreign Reference                               | 7.pdf                            | 9aebd6525f03cda4d327cdf6e45bafc70<br>fff1204            | no | 56  |
|                                    |   | 16497-1-1-2_WO200307195          | 2979332   |    |     |
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| 29                                 | Foreign Reference                               | 16497-1-1-2_WO200307195<br>6.pdf | 2264572<br>   | no | 46  |
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| 28                                 | Foreign Reference                               | 16497-1-1-2_WO200307195          | 1956510   | no | 38  |

| 27             | Information Disclosure Statement      | 10407 4 4 0 4 PTO4440 v 45                   | 67513  | 200 | 17 |
|----------------|---------------------------------------|--|--|-----|----|
| 37 (IDS) Filed | 16497-1-1-2-1_PTO1449.pdf -<br>       | 1865f0e495298d85a29b6293c423c002<br>6a8ec3f2 | no   | 17  |    |
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| 38             | Fee Worksheet (PTO-06)                | fee-info.pdf                                 | 8145   | no  | 2  |
| 36             | 56 Fee Worksheet (F10-06)             | ·  | 70f6751737c489b1374e67f04455155a<br>9aee1467 | 110 |    |
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If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

### National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

#### New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.